

# Stefano Caruso

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

2,761  
citations

172386

29  
h-index

197736

49  
g-index

68  
all docs

68  
docs citations

68  
times ranked

4661  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Molecular Classification of Hepatocellular Adenoma Associates With Risk Factors, Bleeding, and Malignant Transformation. <i>Gastroenterology</i> , 2017, 152, 880-894.e6.  | 0.6 | 290       |
| 2  | Liver Cancer Initiation Requires p53 Inhibition by CD44-Enhanced Growth Factor Signaling. <i>Cancer Cell</i> , 2018, 33, 1061-1077.e6.   | 7.7 | 151       |
| 3  | Analysis of Liver Cancer Cell Lines Identifies Agents With Likely Efficacy Against Hepatocellular Carcinoma and Markers of Response. <i>Gastroenterology</i> , 2019, 157, 760-776.   | 0.6 | 141       |
| 4  | Clinical Impact of Genomic Diversity From Early to Advanced Hepatocellular Carcinoma. <i>Hepatology</i> , 2020, 71, 164-182.   | 3.6 | 129       |
| 5  | Potential Role of ANGPTL4 in the Cross Talk between Metabolism and Cancer through PPAR Signaling Pathway. <i>PPAR Research</i> , 2017, 2017, 1-15.   | 1.1 | 119       |
| 6  | Hepatitis B virus integrations promote local and distant oncogenic driver alterations in hepatocellular carcinoma. <i>Gut</i> , 2022, 71, 616-626.   | 6.1 | 106       |
| 7  | microRNA 193a-5p Regulates Levels of Nucleolar- and Spindle-Associated Protein 1 to Suppress Hepatocarcinogenesis. <i>Gastroenterology</i> , 2018, 155, 1951-1966.e26.   | 0.6 | 86        |
| 8  | Polyploidy spectrum: a new marker in HCC classification. <i>Gut</i> , 2020, 69, 355-364.   | 6.1 | 82        |
| 9  | Dual Targeting of Histone Methyltransferase G9a and DNA Methyltransferase 1 for the Treatment of Experimental Hepatocellular Carcinoma. <i>Hepatology</i> , 2019, 69, 587-603.   | 3.6 | 81        |
| 10 | High density of tryptase-positive mast cells in human colorectal cancer: a poor prognostic factor related to protease-activated receptor 2 expression. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1025-1037.  | 1.6 | 80        |
| 11 | Adeno-associated virus in the liver: natural history and consequences in tumour development. <i>Gut</i> , 2020, 69, 737-747.   | 6.1 | 78        |
| 12 | Genetic alterations of malignant pleural mesothelioma: association with tumor heterogeneity and overall survival. <i>Molecular Oncology</i> , 2020, 14, 1207-1223.   | 2.1 | 74        |
| 13 | Genetics of Hepatocellular Carcinoma: Approaches to Explore Molecular Diversity. <i>Hepatology</i> , 2021, 73, 14-26.  | 3.6 | 66        |
| 14 | Nivolumab, nivolumab+ipilimumab, and VEGFR-tyrosine kinase inhibitors as first-line treatment for metastatic clear-cell renal cell carcinoma (BIONIKK): a biomarker-driven, open-label, non-comparative, randomised, phase 2 trial. <i>Lancet Oncology</i> , The, 2022, 23, 612-624. | 5.1 | 66        |
| 15 | ESM1 as a Marker of Macrotrabecular-Massive Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2019, 25, 5859-5865.   | 3.2 | 64        |
| 16 | The Interplay between Metabolism, PPAR Signaling Pathway, and Cancer. <i>PPAR Research</i> , 2017, 2017, 1-2.  | 1.1 | 55        |
| 17 | Telomere length is key to hepatocellular carcinoma diversity and telomerase addiction is an actionable therapeutic target. <i>Journal of Hepatology</i> , 2021, 74, 1155-1166.   | 1.8 | 54        |
| 18 | Impact of microRNAs in Resistance to Chemotherapy and Novel Targeted Agents in Non-Small Cell Lung Cancer. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 475-485.  | 0.9 | 54        |

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|----|---|-----|-----------|
| 19 | MicroRNAs in colorectal cancer stem cells: new regulators of cancer stemness?. <i>Oncogenesis</i> , 2012, 1, e32-e32.   | 2.1 | 45        |
| 20 | BAP1 mutations define a homogeneous subgroup of hepatocellular carcinoma with fibrolamellar-like features and activated PKA. <i>Journal of Hepatology</i> , 2020, 72, 924-936.  | 1.8 | 44        |
| 21 | Argininosuccinate synthase 1 and periportal gene expression in sonic hedgehog hepatocellular adenomas. <i>Hepatology</i> , 2018, 68, 964-976.   | 3.6 | 43        |
| 22 | Palmitoylation is a post-translational modification of Alix regulating the membrane organization of exosome-like small extracellular vesicles. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2879-2887. | 1.1 | 42        |
| 23 | Effects of anti-miR-182 on TSP-1 expression in human colon cancer cells: there is a sense in antisense?. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 1249-1261.  | 1.5 | 41        |
| 24 | Integrated Genomic Analysis Identifies Driver Genes and Cisplatin-Resistant Progenitor Phenotype in Pediatric Liver Cancer. <i>Cancer Discovery</i> , 2021, 11, 2524-2543.  | 7.7 | 41        |
| 25 | Artificial intelligence predicts immune and inflammatory gene signatures directly from hepatocellular carcinoma histology. <i>Journal of Hepatology</i> , 2022, 77, 116-127.  | 1.8 | 40        |
| 26 | Expression of NKG2D ligands is downregulated by $\beta$ -catenin signalling and associates with HCC aggressiveness. <i>Journal of Hepatology</i> , 2021, 74, 1386-1397.   | 1.8 | 37        |
| 27 | Analysis of tissue and circulating microRNA expression during metaplastic transformation of the esophagus. <i>Oncotarget</i> , 2016, 7, 47821-47830.  | 0.8 | 36        |
| 28 | Lect2 Controls Inflammatory Monocytes to Constrain the Growth and Progression of Hepatocellular Carcinoma. <i>Hepatology</i> , 2019, 69, 160-178.   | 3.6 | 36        |
| 29 | Common genetic variation in alcohol-related hepatocellular carcinoma: a case-control genome-wide association study. <i>Lancet Oncology</i> , The, 2022, 23, 161-171.  | 5.1 | 36        |
| 30 | Clear-cell Renal Cell Carcinoma: Molecular Characterization of IMDC Risk Groups and Sarcomatoid Tumors. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e981-e994.   | 0.9 | 34        |
| 31 | Hypoxia and Human Genome Stability: Downregulation of BRCA2 Expression in Breast Cancer Cell Lines. <i>BioMed Research International</i> , 2013, 2013, 1-8.   | 0.9 | 32        |
| 32 | Germline and somatic DICER1 mutations in familial and sporadic liver tumors. <i>Journal of Hepatology</i> , 2017, 66, 734-742.  | 1.8 | 31        |
| 33 | <i>APC</i> germline hepatoblastomas demonstrate cisplatin-induced intratumor tertiary lymphoid structures. <i>Oncolmmunology</i> , 2019, 8, e1583547.   | 2.1 | 31        |
| 34 | Multi-site tumor sampling highlights molecular intra-tumor heterogeneity in malignant pleural mesothelioma. <i>Genome Medicine</i> , 2021, 13, 113.   | 3.6 | 31        |
| 35 | HepatomiRNoma: The proposal of a new network of targets for diagnosis, prognosis and therapy in hepatocellular carcinoma. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 97, 312-321.                                   | 2.0 | 30        |
| 36 | Long Noncoding RNA NIHCOLE Promotes Ligation Efficiency of DNA Double-Strand Breaks in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2021, 81, 4910-4925.  | 0.4 | 30        |

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|----|---|-----|-----------|
| 37 | Gene expression signature as a surrogate marker of microvascular invasion on routine hepatocellular carcinoma biopsies. <i>Journal of Hepatology</i> , 2022, 76, 343-352.   | 1.8 | 30        |
| 38 | Effects of PPAR $\gamma$ agonists on the expression of leptin and vascular endothelial growth factor in breast cancer cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 1368-1374.                                      | 2.0 | 29        |
| 39 | HIF-1 is involved in the negative regulation of AURKA expression in breast cancer cell lines under hypoxic conditions. <i>Breast Cancer Research and Treatment</i> , 2013, 140, 505-517.  | 1.1 | 29        |
| 40 | The lncRNA H19-Derived MicroRNA-675 Promotes Liver Necroptosis by Targeting FADD. <i>Cancers</i> , 2021, 13, 411.   | 1.7 | 28        |
| 41 | Analysis of molecular mechanisms and anti-tumoural effects of zoledronic acid in breast cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2186-2195.  | 1.6 | 23        |
| 42 | Immune Profiling of Combined Hepatocellular- Cholangiocarcinoma Reveals Distinct Subtypes and Activation of Gene Signatures Predictive of Response to Immunotherapy. <i>Clinical Cancer Research</i> , 2022, 28, 540-551.       | 3.2 | 23        |
| 43 | The pro-oncogenic effect of the lncRNA H19 in the development of chronic inflammation-mediated hepatocellular carcinoma. <i>Oncogene</i> , 2021, 40, 127-139.   | 2.6 | 21        |
| 44 | DNA Methylation Signatures Reveal the Diversity of Processes Remodeling Hepatocellular Carcinoma Methyomes. <i>Hepatology</i> , 2021, 74, 816-834.  | 3.6 | 20        |
| 45 | Recurrent chromosomal rearrangements of <i>ROS1</i> , <i>FRK</i> and <i>IL6</i> activating JAK/STAT pathway in inflammatory hepatocellular adenomas. <i>Gut</i> , 2020, 69, 1667-1676.  | 6.1 | 17        |
| 46 | Deleting the $\beta$ -catenin degradation domain in mouse hepatocytes drives hepatocellular carcinoma or hepatoblastoma-like tumor growth. <i>Journal of Hepatology</i> , 2022, 77, 424-435.                                    | 1.8 | 17        |
| 47 | Molecular underpinnings of glandular tropism in metastatic clear cell renal cell carcinoma: therapeutic implications. <i>Acta Oncologica</i> , 2021, 60, 1499-1506.   | 0.8 | 12        |
| 48 | Dynamics and predicted drug response of a gene network linking dedifferentiation with beta-catenin dysfunction in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2019, 71, 323-332.                                   | 1.8 | 11        |
| 49 | MicroRNAs Possibly Involved in the Development of Bone Metastasis in Clear-Cell Renal Cell Carcinoma. <i>Cancers</i> , 2021, 13, 1554.  | 1.7 | 9         |
| 50 | Molecular Subtypes and Gene Expression Signatures as Prognostic Features in Fully Resected Clear Cell Renal Cell Carcinoma: A Tailored Approach to Adjuvant Trials. <i>Clinical Genitourinary Cancer</i> , 2021, 19, e382-e394. | 0.9 | 9         |
| 51 | TGF $\beta$ -induced FOXS1 controls epithelial-mesenchymal transition and predicts a poor prognosis in liver cancer. <i>Hepatology Communications</i> , 2022, 6, 1157-1171.   | 2.0 | 9         |
| 52 | A Dive Into the Deep Heterogeneity of Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2019, 157, 1477-1479.   | 0.6 | 8         |
| 53 | MicroRNA expression profiles in molecular subtypes of clear-cell renal cell carcinoma are associated with clinical outcome and repression of specific mRNA targets. <i>PLoS ONE</i> , 2020, 15, e0238809.                       | 1.1 | 5         |
| 54 | AICAR and compound C negatively modulate HCC-induced primary human hepatic stellate cell activation in vitro. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G543-G556.                                  | 1.6 | 5         |

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|----|---|-----|-----------|
| 55 | Sigma 1 Receptor is Overexpressed in Hepatocellular Adenoma: Involvement of ER $\alpha$ and HNF1 $\alpha$ . <i>Cancers</i> , 2020, 12, 2213.  | 1.7 | 4         |
| 56 | MicroRNAs in Colorectal Cancer Drug Resistance: Shooters become Targets. <i>Journal of Carcinogenesis &amp; Mutagenesis</i> , 2013, 04, .   | 0.3 | 3         |
| 57 | LIM Homeobox-2 Suppresses Hallmarks of Adult and Pediatric Liver Cancers by Inactivating MAPK/ERK and Wnt/Beta-Catenin Pathways. <i>Liver Cancer</i> , 2022, 11, 126-140.   | 4.2 | 3         |
| 58 | Reply to: Oncolytic Viral Therapy for Malignant Pleural Mesothelioma. <i>Journal of Thoracic Oncology</i> , 2020, 15, e113-e116.  | 0.5 | 2         |
| 59 | Immunogenomics of Metastatic Clear-Cell Renal Cell Carcinoma: Remarkable Response to Nivolumab in a Patient With a Pathogenic Germ Line BRCA1 Mutation. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e909-e912. | 0.9 | 1         |
| 60 | THU-456-Polyploidy spectrum: a new marker of molecular HCC tumour classification. <i>Journal of Hepatology</i> , 2019, 70, e360.  | 1.8 | 0         |
| 61 | THU-374-The lncRNA H19-derived MIR-675 promotes liver necroptosis by targeting fadd. <i>Journal of Hepatology</i> , 2019, 70, e318.   | 1.8 | 0         |
| 62 | THU-445-Beta-catenin signaling controls NKG2D ligands expression in liver tumorigenesis. <i>Journal of Hepatology</i> , 2019, 70, e354-e355.  | 1.8 | 0         |
| 63 | FRI-465-The lncRNA H19 is an oncogenic driver of HCC in chronic inflammation-mediated mouse model. <i>Journal of Hepatology</i> , 2019, 70, e601-e602.  | 1.8 | 0         |
| 64 | THU-452-TFOX, a novel TGF-beta target gene, switches TGF-beta activity toward EMT during tumor progression of human hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2019, 70, e357-e358.                   | 1.8 | 0         |
| 65 | Abstract 448: Molecular analysis of BRAF gene and PTEN gene expression in metastatic colorectal cancer patients: Feasibility study. , 2014, , .   |     | 0         |